

CORPORATE GUIDELINE: Shark Hazard Management

OVERVIEW:

Provide a risk management based framework for response to shark sightings, or shark incidents/attacks in Bunbury waters.

GUIDELINES:

1. The information as described in the attached **Appendix 'A' – Shark Response Flow-Chart** describes the process required for the response to shark sightings and shark incidents/attacks within the City of Bunbury.

City staff will be required to follow the processes as established in the **Shark Response Flow-Chart** and ensure the application of the relevant information as described in **Appendix 'B' - Near Coastal Shark Risk Mitigation – RACI Matrix**.

2. Category 1 areas shall be the responsibility of relevant organisations including SLSWA, WAPOL, DPIRD - Fisheries. City staff may be required to provide support to response organisations within Category 1 areas, subject to approval being provided by the CEO.
3. City will apply **Appendix 'A'** and may establish the requirements as set out in **Appendix 'B'** as detailed, for the following areas that are under the care, control and management of the City -
 - (a) **Category 2 areas** - being those areas that are not patrolled by SLSWA, have easy road access, regularly populated 30+ people, and have amenities provided i.e. toilets, car parking);
 - (b) **Category 3 areas** – being areas that are not patrolled by SLSWA, access is available, not regularly occupied and has no amenities;
 - (c) **Category 4 areas** – being areas that are not patrolled by SLSWA, are remote, limited access, no amenities, and not regularly occupied.

Refer to Annex 'D' – Map of Shark Zones for identified categories.

4. Those areas that do not fall under the care, control and management of the City, shall be the responsibility of the relevant owner or occupier of the area, as described under the *Land Administration Act 1997* and any other relevant legislation. City staff may be required to provide support to the relevant land owner or occupier, subject to approval being provided by the CEO.

PROCEDURE:

The procedure to be followed for all shark sightings or shark incidents/attacks, is as detailed in the attached **Appendix 'A'** and **Appendix 'B'**.

LEGISLATION AND OTHER REFERENCES:

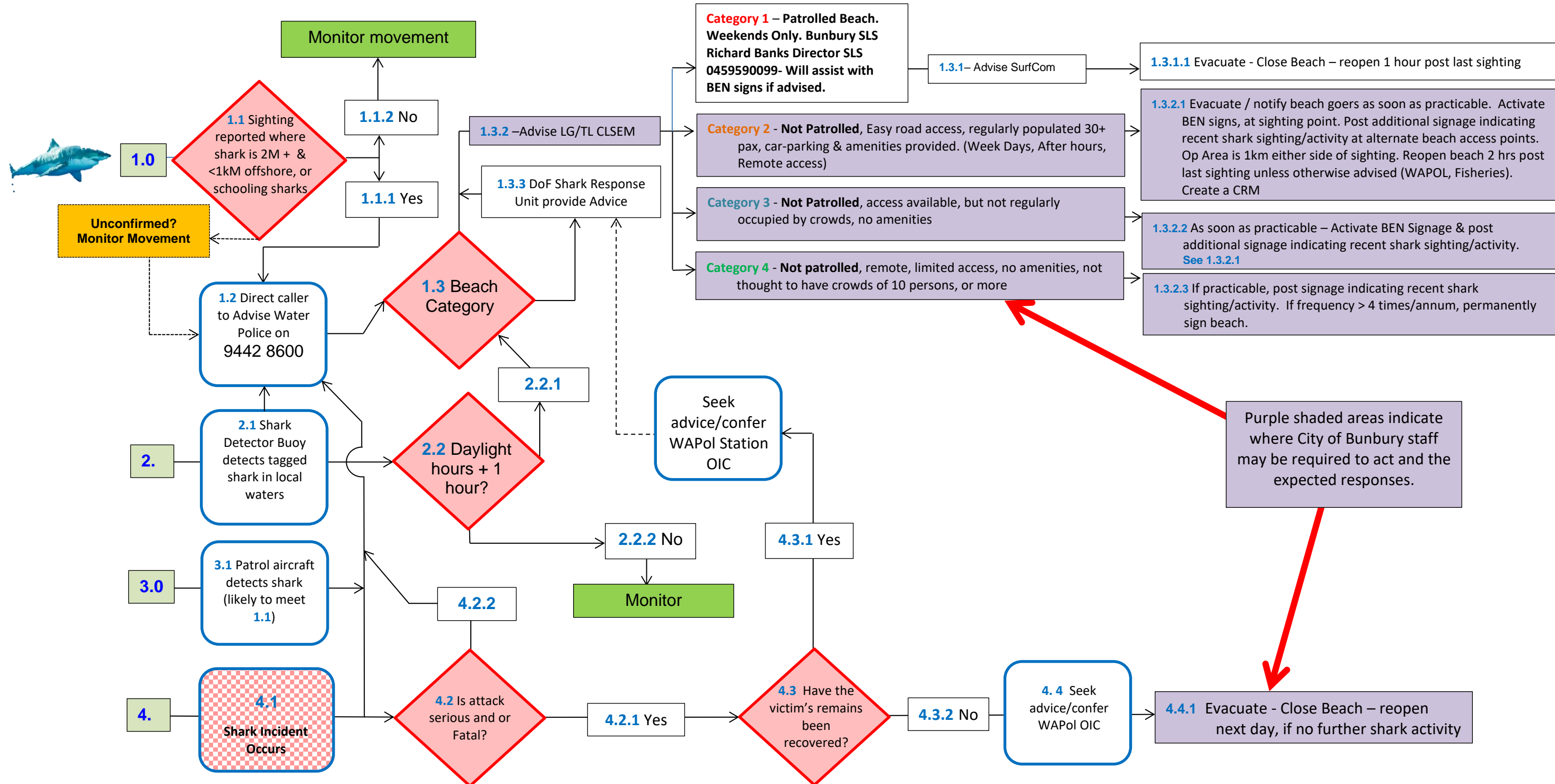
- *Local Government Act 1995*
- *City of Bunbury Policy – Shark Hazard Management*

Authority: Chief Executive Officer
Guideline Owner: Manager Community Law, Safety and Emergency Management
Created Date: Council Decision 227/15 7 July 2015
Related Policy COUNCIL POLICY: Shark Hazard Management

Document	Date	Approved	Amendment
CP-029806	27/06/2017	27/06/2017 Council Decision 231/17	Reviewed with no changes
	31/07/2019		Workflow diagram

City of Bunbury - Shark Response Flow-Chart

DPIRD - Shark Manager On Duty (For additional assistance and better locations)
Not to be disseminated under any circumstances – (Redacted)



Near Coastal Shark Risk Mitigation – RACI Matrix

Serial	Incident	Water Police Coordination Centre (WPCC)	Dept Of Fisheries	WAPol Station OIC	Tenure Dependent Response		
					SLSWA	LG	DBCA or other
1.0	Shark detected by the general public – ‘direct them to contact’ Water Police Coordination Centre (WPCC) on 9442 8600	IA					
1.1	Shark detected at 1.0 satisfying criteria (2M or greater in length & within 1 km from shore, or schooling sharks, species thought to be White, Tiger or Bull shark) – Decision Point	C	I	I			
1.1.1	Shark in area meets criteria (>2M length + < 1km offshore, or schooling) – ‘Direct’ caller to report to WPCC on 9442 8600	RA	CI				
1.1.2	No (or unconfirmed report) – Monitor movement of animal/s	A					
1.2	WPCC verifies a report, which meets triggers, decides further action for locality & beach category, then refers to appropriate authority	RA	C		I	I	I
1.3	From intelligence received – WPCC decide on tenure and transfer detail to responsible authority - Decision Point	RA	C	I	I	I	I
1.3.1	Category 1 Beach (currently patrolled) – WPCC Advise SLSWA SurfCom – <i>(during a non-patrol period, reverts to Category 2,3 or 4 beach)</i>	R	C		A		
1.3.1.1	SLSWA Close beach, manage per SLSWA Shark Hazard Plan			I	RA		
1.3.2	Category 2, 3 & 4 Beaches – WPCC advise relevant agency (LG, DBCA or other) according to tenure	RA	C	I		I	I
1.3.2.1	Category 2 Beach – Evacuate, notify beach goers ASAP. Reopen after no sighting for past 2 hours. Place signage.			I		R	R
1.3.2.2	Category 3 Beach – As soon as practicable, post signage warning of recent shark activity. Remove sign as soon as practicable, after 2 hours with no further shark sighting.			I		R	R
1.3.2.3	Category 4 Beach – If practicable, post sign warning of recent shark activity. Remove next day, or as ASAP from then.			I		R	R
1.3.3	Seek DPIRD-DoF Subject Matter Advice, transmit to relevant, responsible agencies	R	A	I	I	I	I
2.0	Detector Buoy – Detects tagged shark		RA				
2.1	Buoy detects tagged shark meeting criteria (1.1) . Referred to WPCC (plus other authority where buoy within local waters only)	C	RA		I	I	I
2.2	Is detection within day light hours (+1 hour either end)? Decision point	C	RA				
2.2.1	Yes, warn beachgoers of risk, within 2 nautical miles of beacon (including social media – websites). Place Signage	C	RA	I	R	R	R
2.2.2	No – Monitor movement, report further contacts until meets criteria for 2.2.1	C	RA				
3.0	Detection by aircraft patrol				RA		
3.1	Aircraft sighting – validates sighting of shark meeting criteria 1.1 – Advises WPCC notify local agency with jurisdiction	C	C	I	RA	I	I
3.2	Activate SLSWA warning media, advises local authorities relevant to jurisdiction (SLSWA, LG, DBCA or other)	I	I		RA	I	I
4.0	Incident – Attack on human, or vessel						
4.1	Attack or ‘incident’ upon human - immediate WAPol involvement	A	C	I	I	I	I
4.2	Is attack fatal to human? – Decision Point						
4.2.1	Attack fatal to human – seek advice of WAPol Station OIC	A	C	C	R	R	R
4.2.2	Non-lethal attack– Beach closures for normal response (1.3) , consult WAPol Station OIC for advice + inform WPCC on 9442 8600	C	C	C	R	R	R
4.3	Have Victim’s remains been recovered? – Decision Point						
4.3.1	Yes – seek advice of WAPol Station OIC for decision to reopen beach (refer 1.3.1.1 , 1.3.2.1 , 1.3.2.2 , or 1.3.2.3)	C	C	A	R	R	R
4.4	No – Seek advice of WAPol Station OIC, consider closing remainder of day and next.	C	C	RA	R	R	R

Note - Risks identified:

1. SLSWA may only patrol beaches intermittently. May lead to confusion on whether/when beaches may be Category 1 or 2.
2. WPCC may not understand the category of local beaches. Would need GIS support and accurate report locations.

Code	Definition	
R	Responsible for action/initiation	Executes the task
A	Accountable to ensure outcomes	Owens outcomes – determines criteria for decisions
C	Consulted	Prior to & during execution
I	Informed	Prior to & post event
RA	Responsible & Accountable	

WARNING!

Recent Shark Activity

Date:

Type:

Time:

Size:

Location:

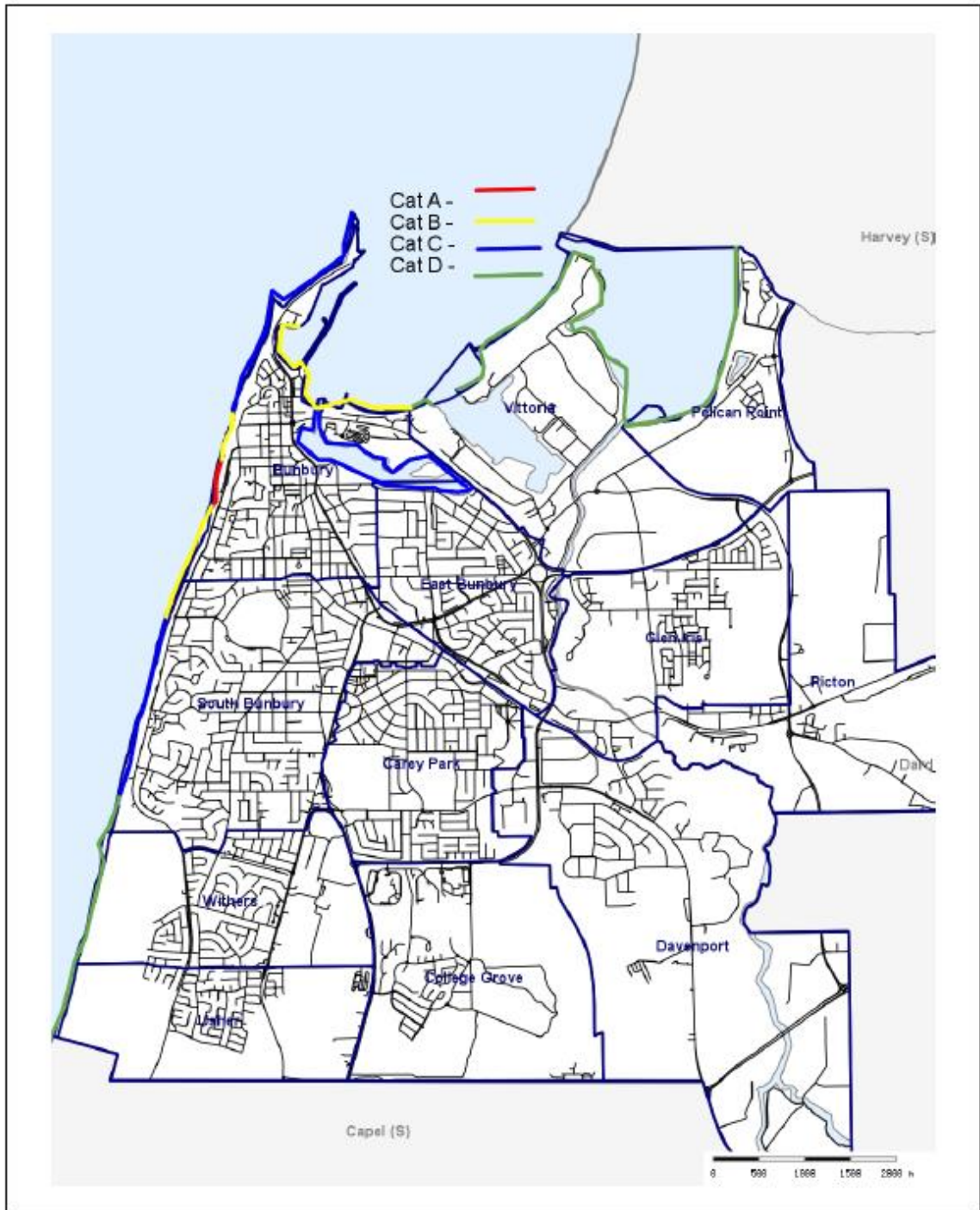


For more information please refer to
sharksmart.com.au



LATEST SHARK TWEETS @SLSWA

REPORT SHARK SIGHTINGS TO THE
WATER POLICE ON 9442 8600



The City of Bunbury does not warrant the accuracy of information in this publication and any person using or relying upon such information does so on the basis that the City of Bunbury shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information.

**Shark Response
Beach Categories**

4/01/2018

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